



Entry Approved  
LDR 2/1/07

AMENDMENT UNDER 37 C.F.R. § 1.116  
U.S. Application No. 10/724,234

Attorney Docket No. Q78613

## AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

### LISTING OF CLAIMS:

1. (currently amended): A method for determining an axle geometry by recording and evaluating a single graylevel image or a single color topographical image of a face of a wheel fitted to an axle, the method comprising:

projecting light, which is spread over an area with a coding spread over the area onto the face of the wheel the face to be evaluated, wherein a coding is projected with the light, from a projecting direction;

recording ~~the light~~ reflected from the face of the wheel with an opto-electronic image converter as a topographical single graylevel image or a single color image, from a direction other than the light projecting direction;

determining three-dimensional surface coordinates ~~for the topographical image of the face of the wheel from the recorded light~~ of at least substantially the entire face to be evaluated from said single graylevel image or said single color image using triangulation; and

evaluating ~~the said single graylevel image or said single color topographical image~~ in relation to a reference system.